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(19)(CA) **APPLICATION FOR CANADIAN PATENT** (12)

(54) Beauty Breast

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(71) Same as inventor

(57) 9 Claims

5,101,434

Notice: This application is as filed and may therefore contain an incomplete specification.

Canada

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ABSTRACT

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Background of the Invention

The present invention relates to an external breast enhancement primarily adapted for women having small breasts.

This adaptation is not a prostheses. However, for purposes of clarification is referred to herein as such. It is characterized as a breast enlargement device, to be attached to the chest, over the natural female breasts.

Other devices of similar character now available are basically fillers or pads for bras that are made out of many materials, including foam rubber. These devices have not been aesthetically satisfactory, as these devices can only be worn inside a bra.

Summary of the Invention

The present invention has overcome the inadequacies of prior art and provides a breast enhancement which is characterized by its improved construction and its more natural appearance and feel to the woman wearing it. It inspires confidence and pride of wearers own femininity. The improved device can be manufactured easily to match colour to normal human skin tones. The "BEAUTY-BREAST" will be manufactured in two formats, both having one identical external size of C configuration, adapting to the womans natural A or B cup breasts. It may be attached to the chest wall, over the natural breasts, with medical adhesive allowing it to be worn for long periods of time, and it can be worn to bed and in the water. It may also be worn in the bra without adhesive. It may also be worn without a bra inside outer garments.

According to present invention, the external breast enhancement is comprised of a thin flexible shell of an elastomeric material, latex or similar, is contoured to form a natural female breast having a rear peripheral edge for attachment by an adhesive to the chest wall of the person, and a filler retained within the confines of the thin shell having soft flexible physical characteristics. In present form the filler is a flexible silicone rubber material injected into the flexible shell of latex rubber adjacent to the peripheral edge thereof and in cooperation with the shell confines the filler. The flexible foam rubber material forms a concave rear wall portion within the peripheral edge to give the edge of the device more flexibility for fit and in some instances to help in adhering the device to the skin with suction. The concave rear wall or portion provides and acts as support and bra to the natural female breast. A thin nylon backing may be provided on the rear wall of the flexible silicone foam rubber material or within the air chamber to aid in reducing perspiration.

The device can be attached to the chest wall with a strong silicone adhesive of non-toxic nor hypoallergenic properties. If the person desires, the adhesive can be omitted, and the suction characteristics of the device can be utilized to aid in retaining the device against the chest wall of the person when the device is worn with a bra.

The " BEAUTY-BREAST " can be constructed so that it is available in two standard breast sizes of A and B cup, in a variety of colour tones to enable the client to order the device by mail from a set of patterns and colours that have previously been made available to the client.Thus, it is an object of the present invention to provide an improved external breast prosthesis which more nearly meets the requirements of women having small breasts.

In one particular aspect the present invention provides an external breast prosthesis primarily for women comprising a thin flexible shell of an elastomeric material contoured to the configuration of the breast of the person and having a peripheral edge extending around the entire periphery of said shell for attachment by an adhesive to the chest wall of the person and a filler retained within the confines of said thin shell having soft flexible physical characteristics, said shell having a rear portion that is concave within the confines of said peripheral edge so that the prosthesis can be attached at said peripheral edge to the chest wall of a person to provide within the peripheral edge a support for the natural breast.

Other objects of this invention will appear in the following description and appended claims, reference being had to the accompanying drawings forming a part of this specification wherein like reference characters designate corresponding parts in the several views.

BRIEF DESCRIPTION OF THE DRAWING

Figure 1 is a front elevation view of the external breast prosthesis embodying the present invention;

Figure 2 is a section in reduced scale taken on the line of A-A of figure 1.

DESCRIPTION OF THE PREFERRED EMBODIMENT

Before explaining the present invention in detail, it is to be understood that the invention is not limited in its application to the details of construction and arrangement of parts illustrated in the accompanying drawing, since the invention is capable of other embodiments and of being practiced or carried out in various ways. Also, it is understood that the phraseology or terminology employed herein is for purpose of description and not limitation.

Referring now to the drawing, the embodiment of the invention illustrated in Fig. 1-2 will be described. The external breast prosthesis 10 is adapted for use by women and comprises a thin flexible shell 12 of a suitable elastic material, such as latex rubber, which has been contoured to the configuration of the breast and has a rear peripheral edge 14 for attachment by a suitable adhesive to the chest wall of the person. The thin flexible shell has a nipple 16. A filler 18 is located within the thin flexible shell 12 and is constructed of suitable material having soft flexible physical characteristics. The filler can be suitably constructed in the form of silicone rubber. The rear portion 20 of the prosthesis 10 is concave to give the edges of the prosthesis more flexibility for fit and to help adhere the prosthesis to the skin through suction action and also to permit the device to act as a bra. A nylon cloth backing 22 is provided on the rear side of the thin latex shell for reducing perspiration.

The prosthesis is attached to the chest wall by applying adhesive to the peripheral rear margin 14 and pressing it into place. This thin flexible margin is important. The thin flexible edge allows one prosthesis to fit any chest wall so that this prosthesis can be mass produced and sold as stock item. For example, all women who normally wear a size "A" or "B" cup bra can wear the prosthesis no matter how small their breasts may be. This would aesthetically increase their bust size to "C".

As indicated above, silicone elastomers and latex are suitable materials for use in forming the shell 10 and the filler. The adhesive material, to attach the peripheral edge 14 to the chest wall, may be a medical adhesive silicone Type A sold by DOW CORNING CORPORATION under its trademark SILASTIC, and the filler 18 can be a silicone elastomer of the type sold by DOW CORNING CORPORATION as SILASTIC RTV silicone rubber.

From the foregoing description it would be understood that the prosthesis can be made available in standard breast sizes which can be maitained as stock item in a store, and the person after providing cup size and receiving a set of colour samples, can purchase the appropriate prosthesis to meet her needs. This will enable a prosthesis to be obtained which will match the colour and skin of the person, and the prosthesis can be adhered to the chest wall of the person so that it will have a natural appearance and feel as well as normal flexibility in movement.

It is claimed:

1. An external breast prosthesis primarily for women comprising a thin flexible shell of an elastomeric material contoured to conform to the configuration of the breast of the woman and having a peripheral edge extending around the entire periphery of said shell for attachment by an adhesive to the chest wall of the person and a filler retained within the confines of said thin shell having soft flexible physical characteristics, said shell having a rear portion that is concave within the confines of said peripheral edge so that the prosthesis can be attached at said peripheral edge to the chest wall of a woman to provide within the peripheral edge a chamber.

2. The external breast prosthesis that is defined in claim 1. which includes a flexible silicone foam filler that is injected into said shell adjacent to said peripheral edge to define the concave rear portion and in cooperation with said shell confines said filler within the interior of the prosthesis.

3. The external breast prosthesis that is defined in claim 2. wherein said shell has a nylon backing.

4. The external breast prosthesis that is defined in claim 1. wherein said thin flexible shell has a nipple.

5. The external breast prosthesis that is defined in claim 1. wherein said peripheral edge includes a flap, said flap extending in directions away from said concave rear portion.

6. The external breast prosthesis that is defined in claim 5. wherein said flap extends at least 1/2 inch away from said concave rear portion.

7. The external breast prosthesis that is defined in claim 1. wherein an adhesive that is non-toxic and hypoallergenic is provided for attaching said peripheral edge to the chest wall of the person.

8. An external breast prosthesis for women comprising a thin flexible shell of an elastomeric material contoured to conform to the configuration of the breast of the woman and having a peripheral edge extending around the entire periphery of the shell, a thin flexible nylon cloth backing member bonded to the concave rear portion within the confines of the peripheral edge , said shell and said backing member being dimensioned to form a flap, extending away from said concave rear portion, adapted to be attached by an adhesive to the chest wall of the person, and the concave rear portion being dimensioned so that when the flap is attached, the concave rear portion will provide support for the breast.

9. The external breast prosthesis that is defined in claim 8. wherein said shell and said backing are of latex rubber and each has a thickness of less than 0.5 millimeter.

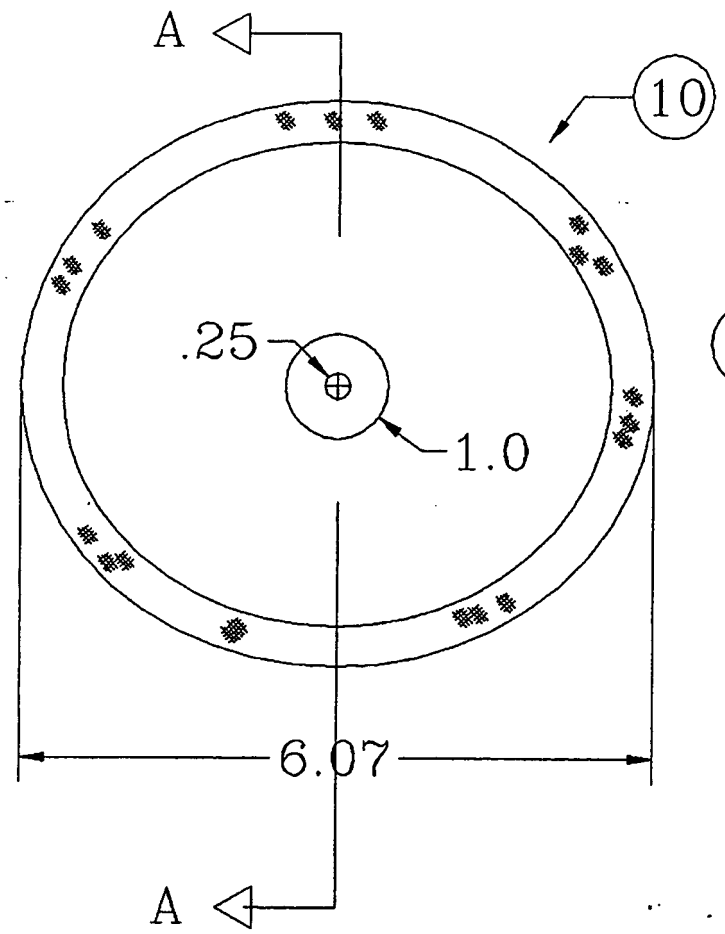

FIG.1

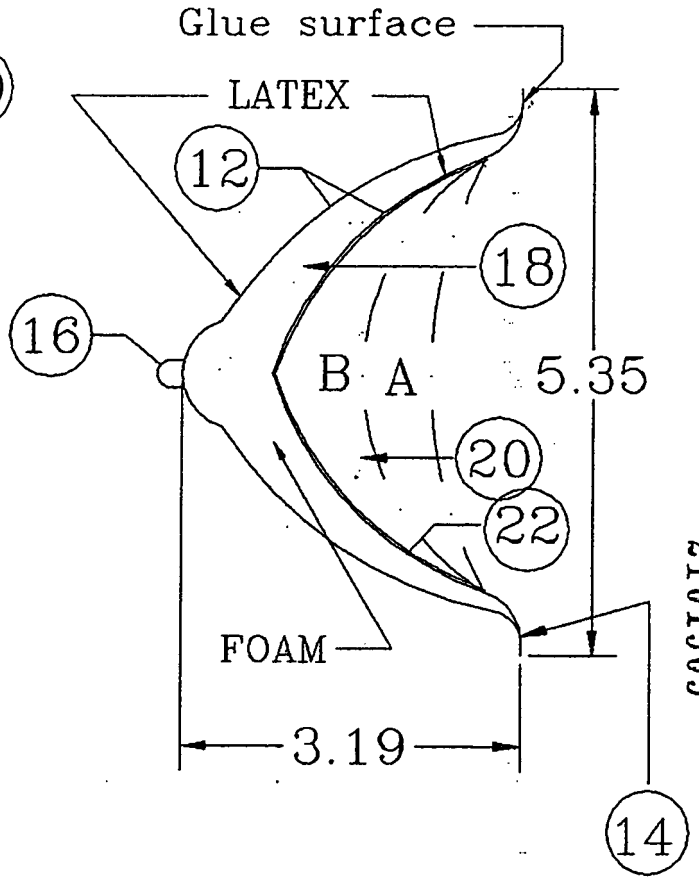

FIG.2

BEAUTYBREAST

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